

IN THE CLAIMS:

Please amend the claims as follows.

Claims 1-30 (Canceled).

Claim 31 (Currently Amended): A recording method of recording an information signal inputted via an input path on the recording medium according to copy control information, the information signal corresponding to contents which are to be protected under copy right, the recording method comprising:

a discriminating step of discriminating a type of a scramble system of the inputted information signal and a type of a copy control information of the inputted information signal;

a source determining step of determining a source of the inputted information signal in accordance with a combination of the discriminated type of the scramble system and the discriminated type of the copy control information;

a scramble system applying step of applying a predetermined scramble system to the inputted information signal and producing a scrambled output when the discriminated type of the scramble system and the discriminated type of the copy control information are in a predetermined combination, and when the source is determined as an authorized one;

a descramble system applying step of applying a predetermined descramble system to the inputted information signal prior to the scramble system applying step applying the predetermined scramble system; and

a recording step of recording the scrambled output on the recording medium,

wherein the scramble system applying step applies the predetermined scramble system different from that originally applied to the inputted information signal, to the inputted information signal, without applying the same scramble system as that originally applied to the inputted information,

wherein a type of the predetermined scramble system is different from that of a scramble system which a reproduction apparatus applies to information signal recorded in the recording medium by the recording step, the reproduction apparatus being capable of reproducing the recording medium,

wherein the recording step does not record the scrambled output even if the discriminated type of the copy control information is one for permitting only one recording copy when the source is determined as an unauthorized one,

wherein a plurality of scramble systems are used, the plurality of scramble systems comprising a plurality of algorithms different from one another, or a plurality of keys used for scramble.

Claim 32 (Previously Presented): The recording method according to claim 31, wherein the scramble system applying step applies a scramble system different from that of the information signal recorded on a prerecorded disc to the inputted information signal when the discriminated type of the copy control information of the inputted information signal coincides with that of the inputted information signal recorded on the prerecorded disc and produces the scrambled output.

Claim 33 (Previously Presented): The recording method according to claim 32, wherein the copy control information permits only one copy of the information signal.

Claim 34 (Canceled).

Claim 35 (Previously Presented): The recording method according to claim 31, wherein the predetermined descramble system is restricted to a descramble system corresponding to a scramble system which is previously set.

Claim 36 (Currently Amended): The recording method according to claim 35, wherein the descramble system applying step applies two types of the predetermined descramble systems to two types of scramble systems of the inputted information signals respectively,

one type of the scramble system is a scramble system of the information signal to which the copy control information for permitting only one ~~recording~~ copy of the information signal outputted from a receiving apparatus (1) in an information recording medium is given, and for permitting only one copy of the outputted information signal to another information recording medium, and

another type of the scramble system is a scramble system of the information signal outputted when reproduction is executed from a recording medium to which the copy control information for permitting only one copy of the information signal is given.

Claim 37 (Previously Presented): The recording method according to claim 31, wherein the scramble system applying step applies only one predetermined scramble system to the inputted information signal, and the only one predetermined scramble system is a scramble system which is applied to the case where recording information to which copy control information for forbidding copies after the information signal is copied once is given is recorded onto the recording medium.

Claim 38 (Currently Amended): A recording apparatus for recording an information signal inputted via an input path onto a recording medium according to copy control information, the information signal corresponding to contents which are to be recorded on the recording medium, including copy control information, and being scrambled by means of a predetermined type of scramble system, the recording apparatus comprising:

a discriminating device for discriminating a type of a scramble system of the inputted information signal and a type of a copy control information of the inputted information signal;

a source determining device for determining a source of the inputted information signal in accordance with a combination of the discriminated type of the scramble system and the discriminated type of the copy control information;

a scramble system applying device for applying a predetermined scramble system to the inputted information signal and producing a scrambled output when the discriminated type of the scramble system and the discriminated type of the copy control information are in a predetermined combination, and when the source is determined as an authorized one;

a descramble system applying device for applying a predetermined descramble system to the inputted information signal prior to the scramble system applying device applying the predetermined scramble system; and

a recording device for recording the scrambled output onto the recording medium, wherein the scramble system applying device applies the predetermined scramble system different from that originally applied to the inputted information signal, to the inputted information signal, without applying the same scramble system as that originally applied to the inputted information,

wherein a type of the predetermined scramble system is different from that of a scramble system which a reproduction apparatus applies to information signal recorded in the recording medium by the recording device, the reproduction apparatus being capable of reproducing the recording medium,

wherein the recording device does not record the scrambled output even if the discriminated type of the copy control information is one for permitting only one ~~recording~~ copy when the source is determined as an unauthorized one,

wherein a plurality of scramble systems are used, the plurality of scramble systems comprising a plurality of algorithms different from one another, or a plurality of keys used for scramble.

Claim 39 (Previously Presented): The recording apparatus according to claim 38, wherein the scramble system applying device applies a scramble system different from that of the information signal recorded on a prerecorded disc to the inputted information signal when the

discriminated type of the copy control information of the inputted information signal coincides with that of the inputted information signal recorded on the prerecorded disc and produces the scrambled output.

Claim 40 (Previously Presented): The recording apparatus according to claim 39, wherein the copy control information permits only one copy of the information signal corresponding to the contents.

Claim 41 (Canceled).

Claim 42 (Previously Presented): The recording apparatus according to claim 38, wherein the predetermined descramble system is restricted to a descramble system corresponding to a scramble system which is previously set.

Claim 43 (Currently Amended): The recording apparatus according to claim 42, wherein the descramble system applying device applies two types of the predetermined descramble systems to two types of scramble systems of the inputted information signals respectively,

one type of the scramble system is a scramble system of the information signal to which the copy control information for permitting only one ~~recording~~ copy of the information signal outputted from a receiving apparatus in an information recording medium is given, and for

permitting only one copy of the outputted information signal to another information recording medium, and

another type of the scramble system is a scramble system of the information signal outputted when reproduction is executed from a recording medium to which the copy control information for permitting only one copy of the information signal is given.

Claim 44 (Previously Presented): The recording apparatus according to claim 38, wherein the scramble system applying device applies only one predetermined scramble system to the inputted information signal, and the only one predetermined scramble system is a scramble system which is applied to the case where recording information to which copy control information for forbidding copies after the information signal is copied once is given is recorded onto the recording medium.

Claim 45 (Currently Amended): A reproducing method of reading an information signal from a recording medium and reproducing it according to copy control information, the information signal corresponding to contents which are protected under copyright, being recorded on the recording medium ~~via an input path~~, including copy control information, and being scrambled by means of a predetermined type of scramble system, the reproducing method comprising:

a discriminating step of discriminating a type of a scramble system of the read information signal and a type of a copy control information of the read information signal;

a source determining step of determining a source of the ~~inputted~~ read information signal in accordance with a combination of the discriminated type of the scramble system and the discriminated type of the copy control information;

a scramble system applying step of applying a predetermined scramble system to the read information signal and producing a scrambled output when the discriminated type of the scramble system and the discriminated type of the copy control information are in a predetermined combination, and ~~when~~ then the source is determined as an authorized one;

a descramble system applying step of applying a predetermined descramble system to the ~~inputted~~ read information signal prior to the scramble system applying step applying the predetermined scramble system; and

a reproducing step of reproducing the scrambled output,

wherein the scramble system applying step applies the predetermined scramble system whose type is different from that originally applied to the ~~inputted~~ read information signal, to the ~~inputted~~ read information signal, without applying the same scramble system as that originally applied to the ~~inputted~~ read information,

wherein a type of the predetermined scramble system is different from that of a scramble system which a recording apparatus applies to information signal when the recording apparatus records the information signal in a recording medium, the information signal reproduced by the reproduction step,

wherein the reproducing step does not reproduce the scrambled output even if the discriminated type of the copy control information is one for permitting only one ~~recording~~ copy when the source is determined as an unauthorized one,

wherein a plurality of scramble systems are used, the plurality of scramble systems comprising a plurality of algorithms different from one another, or a plurality of keys used for scramble.

Claim 46 (Canceled).

Claim 47 (Previously Presented): The reproduction method according to claim 45, wherein different scramble systems are applied to the information signal according to the combinations of the scramble systems of the information signal recorded on the recording medium and the copy control information signals.

Claim 48 (Currently Amended): The reproduction method according to claim 47, wherein the scramble system applied to the information signal when reproduction is executed from the recording medium to which copy control information for permitting only one copy recording of the information signal in an information recording medium is given, and for permitting only one copy of the outputted information signal to another information recording medium, is different from a scramble system, which is applied to the information signal when the reproduction is executed from the recording medium onto which the information signal with copy control information for forbidding copies after the information signal is copied once is recorded, and is also different from the scramble system, which is applied to the information signal with copy control information for permitting only one copy of the information signal outputted from a receiving apparatus.

Claim 49 (Currently Amended): A reproduction apparatus for reading an information signal from a recording medium and reproducing it according to copy control information, the information signal corresponding to contents which are protected under copyright, being recorded on the recording medium ~~via an input path~~, including copy control information, and being scrambled by means of a predetermined type of scramble system, the reproduction apparatus comprising:

a discriminating device for discriminating a type of a scramble system of the read information signal and a type of a copy control information of the read information signal;

a source determining step of determining a source of the ~~inputted~~ read information signal in accordance with a combination of the discriminated type of the scramble system and the discriminated type of the copy control information;

a scramble system applying device for applying a predetermined scramble system to the read information signal and producing a scrambled output when the discriminated type of the scramble system and the discriminated type of the copy control information are in a predetermined combination, and ~~when~~ then the source is determined as an authorized one;

a descramble system applying device for applying a predetermined descramble system to the ~~inputted~~ read information signal prior to the scramble system applying device applying the predetermined scramble system; and

a reproducing device for reproducing the scrambled output,

wherein the scramble system applying device applies the predetermined scramble system whose type is different from that originally applied to the ~~inputted~~ read information signal, to the

~~inputted~~ read information signal, without applying the same scramble system as that originally applied to the ~~inputted~~ read information,

wherein a type of the predetermined scramble system is different from that of a scramble system which a recording apparatus applies to information signal when the recording apparatus records the information signal in a recording medium, the information signal reproduced by the reproduction apparatus,

wherein the reproducing device does not reproduce the scrambled output even if the discriminated type of the copy control information is one for permitting only one ~~recording~~ copy when the source is determined as an unauthorized one,

wherein a plurality of scramble systems are used, the plurality of scramble systems comprising a plurality of algorithms different from one another, or a plurality of keys used for scramble.

Claim 50 (Canceled).

Claim 51 (Previously Presented): The reproduction apparatus according to claim 49, wherein different scramble systems are applied to the information signal according to the combinations of the scramble systems of the information signal recorded on the recording medium and the copy control information signals.

Claim 52 (Currently Amended): The reproduction apparatus according to claim 51, wherein the scramble system applied to the information signal when reproduction is executed

from the recording medium to which copy control information for permitting only one copy ~~recording~~ of the information signal in an information recording medium is given, and for permitting only one copy of the outputted information signal to another information recording medium is different from a scramble system, which is applied to the information signal when the reproduction is executed from the recording medium onto which the information signal with copy control information for forbidding copies after the information signal is copied once is recorded, and is also different from the scramble system, which is applied to the information signal with copy control information for permitting only one copy of the information signal outputted from a receiving apparatus.

Claim 53 (Previously Presented) A reproducing method according to claim 45, wherein the scramble system applying step applies a scramble system to the read information in accordance with the determined source so that the applied scramble system is different by the determined source.

Claim 54 (Previously Presented) A reproducing apparatus according to claim 49, wherein the scramble system applying device applies a scramble system to the read information in accordance with the determined source so that the applied scramble system is different by the determined source.

Claim 55 (New): A recording method of recording an information signal inputted via an input path on the recording medium according to copy control information, the information

signal corresponding to contents which are to be protected under copy right, the recording method comprising:

a discriminating step of discriminating a type of a scramble system of the inputted information signal and a type of a copy control information of the inputted information signal;

a scramble system applying step of applying a predetermined scramble system to the inputted information signal and producing a scrambled output when a combination of the discriminated type of the scramble system and the discriminated type of the copy control information coincides with that included in a selected condition; and

a recording step of recording the scramble output on the recording medium,

a recording step of recording the scrambled output on the recording medium,

wherein the selected condition includes combinations of a plurality of types of scramble systems applicable to the information signal and a plurality of types of the copy control information to eliminate copying of the information signal via an unauthorized path,

wherein the plurality of types of scramble systems comprise a plurality of algorithms different from one another, or a plurality of keys used for scramble.

Claim 56 (New): A recording apparatus for recording an information signal inputted via an input path onto a recording medium according to copy control information, the information signal corresponding to contents which are to be recorded on the recording medium, including copy control information, and being scrambled by means of a predetermined type of scramble system, the recording apparatus comprising:

a discriminating device for discriminating a type of a scramble system of the inputted information signal and a type of a copy control information of the inputted information signal;

a scramble system applying device for applying a predetermined scramble system to the inputted information signal and producing a scrambled output when a combination of the discriminated type of the scramble system and the discriminated type of the copy control information coincides with that included in a selected condition; and

a recording device for recording the scrambled output onto the recording medium,

wherein the selected condition includes combinations of a plurality of types of scramble systems applicable to the information signal and a plurality of types of the copy control information to eliminate copying of the information signal via an unauthorized path,

wherein the plurality of scramble systems comprise a plurality of algorithms different from one another, or a plurality of keys used for scramble.

Claim 57 (New): A reproducing method of reading an information signal from a recording medium and reproducing it according to copy control information, the information signal corresponding to contents which are protected under copyright, being recorded on the recording medium, including copy control information, and being scrambled by means of a predetermined type of scramble system, the reproducing method comprising:

a discriminating step of discriminating a type of a scramble system of the read information signal and a type of a copy control information of the read information signal;

a scramble system applying step of applying a predetermined scramble system to the read information signal and producing a scrambled output when a combination of the discriminated

type of the scramble system and the discriminated type of the copy control information coincides with that included in a selected condition; and

a reproducing step of reproducing the scrambled output,

wherein the selected condition includes combinations of a plurality of types of scramble systems applicable to the information signal and a plurality of types of the copy control information to eliminate copying of the information signal via an unauthorized path,

wherein a plurality of scramble systems are used, the plurality of scramble systems comprising a plurality of algorithms different from one another, or a plurality of keys used for scramble.

Claim 58 (New): A reproduction apparatus for reading an information signal from a recording medium and reproducing it according to copy control information, the information signal corresponding to contents which are protected under copyright, being recorded on the recording medium, including copy control information, and being scrambled by means of a predetermined type of scramble system, the reproduction apparatus comprising:

a discriminating device for discriminating a type of a scramble system of the read information signal and a type of a copy control information of the read information signal;

a scramble system applying device for applying a predetermined scramble system to the read information signal and producing a scrambled output when a combination of the discriminated type of the scramble system and the discriminated type of the copy control information coincides with that included in a selected condition; and

a reproducing device for reproducing the scrambled output,

wherein the selected condition includes combinations of a plurality of types of scramble systems applicable to the information signal and a plurality of types of the copy control information to eliminate copying of the information signal via an unauthorized path,

wherein a plurality of scramble systems are used, the plurality of scramble systems comprising a plurality of algorithms different from one another, or a plurality of keys used for scramble.